

Lodi Citizen's Monitoring - Lodi, California
SEPTEMBER 2007

Weather: Light Breeze, some clouds, temperature 29C (83 F)
date Water had some brown and olive-brown color reported.
14-Sep-07 Slow flow, river level up, March 16, 2007 Lodi Lake started filling.

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Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	14-Sep-07	13:40	7.5 A	20.1 C A	68.2 F	7.3 B	2.1 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	14-Sep-07	14:00	7.7 A	18.5 C A	65.3 F	8.0 A	1.5 ntu A	30 A	0 A	
Site # 5 River at 1050 N Lincoln										
Site # 7 River, near Gazebo N/O Lodi Lake	14-Sep-07	15:40	7.8 A	20.8 C A	69.4 F	NA	2.7 ntu	40	0	D.O. meter battery dead
Site # 7A East end (S/o SD) Lodi Lake	14-Sep-07	15:25	7.6 A	23.3 C A	73.9 F	NA	2.7 ntu	50	0	D.O. meter battery dead
Site # 8 Lodi Lake near Storm Drain	14-Sep-07	16:53	7.5 A	22.1 C A	71.8 F	8.0 A	1.3 ntu A	70 A	0 A	
Site # 9A River below WID Dam at Bridge	14-Sep-07	16:24	7.8 A	20.9 C A	69.6 F	8.6 A	1.5 ntu A	50 A	0 A	Saw Crayfish and other invertbrates

Weather: Breezy, partly cloudy, temperature 23 C (73 F) (First significant rain of season 9/22/07, 0.25")
date Water had some olive-brown and brown color reported.
28-Sep-07 Low flow, river level up, March 16, 2007 Lodi Lake started filling.

Test Site	Date	Time	pH	Water		Dissolved	Turbidity	(TDS)	Nitrate,	
				Temperature		Oxygen		Conduct.	as mg/L	
						mg/L	NTU	uS	Nitrogen	Remarks
Site #1 River before City Storm System inlets	28-Sep-07	12:40	7.1 A	17.5 C A	63.5 F	7.5 B	2.3 ntu A	30 A	0 A	First significant rain: 9/22/07, 0.25"
Site # 2 River near Casa de Lodi	28-Sep-07	13:00	7.1 A	17.5 C A	63.5 F	7.6 B	3.2 ntu A	40 A	0 A	
Site # 5 River at 1050 N Lincoln										
Site # 7 River, near Gazebo N/O Lodi Lake	28-Sep-07	15:50	7.5 A	19.7 C A	67.5 F	9.2 A	4.5 ntu A	50 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	28-Sep-07	16:10	7.8 A	20.2 C A	68.4 F	8.6 A	4.8 ntu A	50 A	0 A	
Site # 8 Lodi Lake near Storm Drain	28-Sep-07	16:17	8.0 A	19.1 C A	66.4 F	6.6 C	2 ntu A	40 A	0 A	Litter: plastic, metal, dead fish, glass
Site # 9A River below WID Dam at Bridge	28-Sep-07	15:29	7.9 A	18.4 C A	65.1 F	8.1 A	2.1 ntu A	50 A	0 A	Litter, aluminum, leaves

NA = Not Analyzed

GRADE:	pH	Temp	D.O.	Turbidity	TDS	Nitrates
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10